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WEATHER CLIMATE WATER
TEMPS CLIMAT EAU



World Meteorological Organization
Organisation météorologique mondiale
Organización Meteorológica Mundial
Всемирная метеорологическая организация
المنظمة العالمية للأرصاد الجوية
世界气象组织

Secrétariat

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Ref.: 25898/2018-15 WDS/PWS

Our ref.: 25898/2018/KMA/WMO/IBFWS

26 September 2018

Annexes: 4 (available in English only)

Subject: Second KMA/WMO Workshop on Impact-based Forecasts in Asia, Seoul, Republic of Korea, 19–21 November 2018

Action required: To complete and return the attendance form to the local programme coordinator of the Workshop **not later than 20 October 2018**

Dear Sir/Madam,

I have pleasure in informing you that at the kind invitation of the Government of the Republic of Korea, the second KMA/WMO Regional Workshop on Impact-based Forecasts in Asia will be held at the Korea Meteorological Administration (KMA), Seoul, Republic of Korea, from 19 to 21 November 2018.

The objectives of the workshop are to enhance National Meteorological and Hydrological Services (NMHSs') capabilities in providing impact-based forecast and warning services for improved decision-making, and to share experiences and best practices for the successful implementation of multi-hazard impact-based forecasts and risk-based warning services.

The workshop will include topics related to impact-based forecast services including the status of impact-based forecast implementation and technology utilization in each country; the status of the Multi-Hazard Early Warning system and its future; collaboration systems with relevant organizations and communication skills; skills related to Heat Wave Impact-based Forecasting; and calibration techniques for impact-based forecasting and risk probability estimation methods.

Please find attached materials for more details including the provisional programme.

I would be grateful if you could return the attendance form duly completed to the local programme coordinator of the Workshop (Ms Min-Jeong YOUN at ymj@korea.kr) with a copy to Mr Samuel Muchemi Smuchemi@wmo.int) as soon as possible, but **not later than 20 October 2018**.

To: Permanent Representatives of Members of Regional Association II

Please note that KMA will provide selected participants from developing countries with funding support (i.e., round-trip air fare and/or accommodation).

I look forward to the participation of your Service in this important Workshop.

Yours faithfully,

A handwritten signature in blue ink, appearing to read 'Zhang', with a long horizontal stroke extending to the right.

(W. Zhang)
for the Secretary-General

Information Note

As part of a pilot project on impact-based forecast proposed by the Korea Meteorological Administration (KMA) and approved at the 16th session of the RA II on February 10–16, 2017, the KMA will hold **the 2nd Regional Workshop on Impact-based Forecasts in Asia** in Seoul, Republic of Korea from November 19 to 21, 2018.

This workshop will address and discuss the following topics:

- The status of impact-based forecast implementation and technology utilization in each country
- The status of the Multi-Hazard Early Warning system and its future
- Collaboration systems and communication skills with relevant organizations
- Skills related to Heat Wave Impact-based Forecasting
- Impact-based forecast technology in the private sector
- Hazard Impact Model technology
- Calibration techniques for impact-based forecasting and risk probability estimation method

Participants in this workshop will include those from RA II, WMO secretariat and other members interested in impact-based forecasts. Support for round-trip airfare, accommodations and/or meals will be provided to selected participants from developing countries. Please refer to the attached **Guidance Book** in PDF format for more details.

If you would like to attend or make a presentation at the workshop, please fill in the **Attendance Form** attached and send it to the Program Coordinator (Ms. Min-Jeong YOUN / ymj@korea.kr or Ms. Jieun SEO/marsoram@korea.kr) by e-mail no later than October 13, 2018.

**(draft) Guidance Book for participants in
The 2nd Regional Workshop on Impact-based Forecasts in Asia (RA II)**

November 19–21, 2018
Korea Meteorological Administration
Seoul, Republic of Korea

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Workshop Overview

1. Title: The 2nd Regional Workshop on Impact-based Forecasts in Asia (RA II)

2. Date: November 19 (Mon) – 21 (Wed), 2018

3. Objectives

- a) To enhance NMHSs' capabilities in forecasting and warnings which are impact-based and in multi-hazard configuration
- b) To share experiences and best practices by NMHSs for the successful implementation of multi-hazard impact-based forecasts and risk-based warning services **(including skills related to Heat Wave Impact-based Forecasting)**
- c) To establish the International Hazard Partnership among NMHSs in Asia(RA II)

4. Participants

Participants at this workshop will include those from RA II, WMO secretariat and other members interested in impact-based forecast

5. Official Language: English

6. Venue: GLAD Hotel Yeouido (Seoul, Republic of Korea)

7. Contacts (Program Coordinator)

<p>Ms. Min-Jeong YOUN Weather Impact Forecasts Team Forecast Bureau KMA (Korea Meteorological Administration) Tel: (+82) -2-2181-0629 Fax: (+82) -2-847-4419 E-mail: ymj@korea.kr</p>	<p>Ms. Jieun SEO International Cooperation Division Planning and Coordination Department KMA (Korea Meteorological Administration) Tel: (+82) -2-2181-0371 Fax: (+82) -2-836-2386 E-mail: marsram@korea.kr</p>
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Part 1

WELCOME AND INTRODUCTION

As part of a pilot project on impact-based forecast proposed by the Korea Meteorological Administration and approved at the 16th session of the RA II on February 10, 2017, the KMA will hold **the 2nd Regional Workshop on Impact-based Forecasts in Asia (RA II) in Seoul, Republic of Korea, from November 19 to 21, 2018.**

This booklet provides relevant workshop information, as well as details on possible requirements for all participants.

Part 2

PROGRAM (draft)

DATE	TIME	CONTENTS	
Nov. 19 (Day 1)	09:00 – 18:00 Lunch Break (12:00-14:00)	【 Opening 】 Introduction to the Workshop Opening & Welcome Address, Keynote Speech	【 WMO Experts Meeting on Impact-based Forecasts 】
		【Session I】 Strategy of ASIA on IBF 【Session II】 Future Technology on IBF (Heat Wave/AI, etc.)	
Nov. 20 (Day 2)	09:00 – 18:00 Lunch Break (12:00-14:00)	【Session III】 National Report on Weather Warning System - The current status of National Warning system IBF implementation, technology, and utilization	
		【Session IV】 Technology and Utilization of High Impact Modeling	
Nov. 21 (Day 3)	09:00 – 18:00 Lunch Break (12:00-14:00)	【Session V】 Discussions - Implementation strategies of IBF - Strengthening International cooperation and partnership	
		【 Technical Tour 】	

※ The above schedule and participants may be subject to change depending on the event promotion

※ IBF: Impact-based Forecasts

Part 3

APPLICATION FOR ATTENDANCE

If you would like to participate or present at the Workshop, **please fill in the form Appendix A and send it to the Program Coordinator** (Ms. Min-Jeong YOUN (ymj@korea.kr)) by e-mail **no later than October 13, 2018**.

Participants in this workshop will include those from RA II, WMO secretariat and other members interested in impact-based forecast.

If you would like to request funding support, please fill in the required fields of Appendix A. Support in the form of round-trip airfare, accommodation and/or meals will be provided to selected participants from developing countries.

Special food including halal options will be served upon request during the workshop period. If the service is necessary, please fill in the required field (No.9) in Appendix A.

Part 4

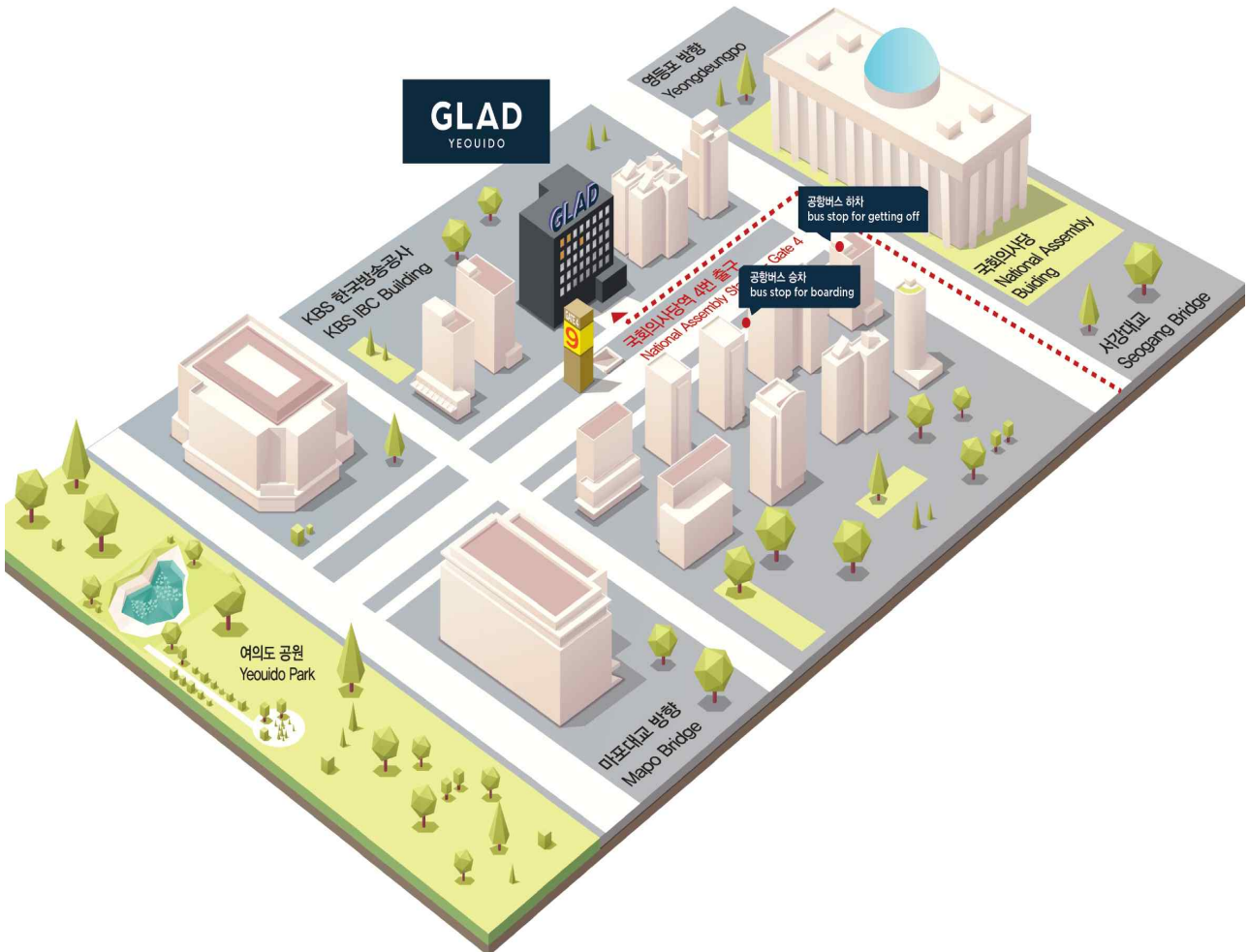
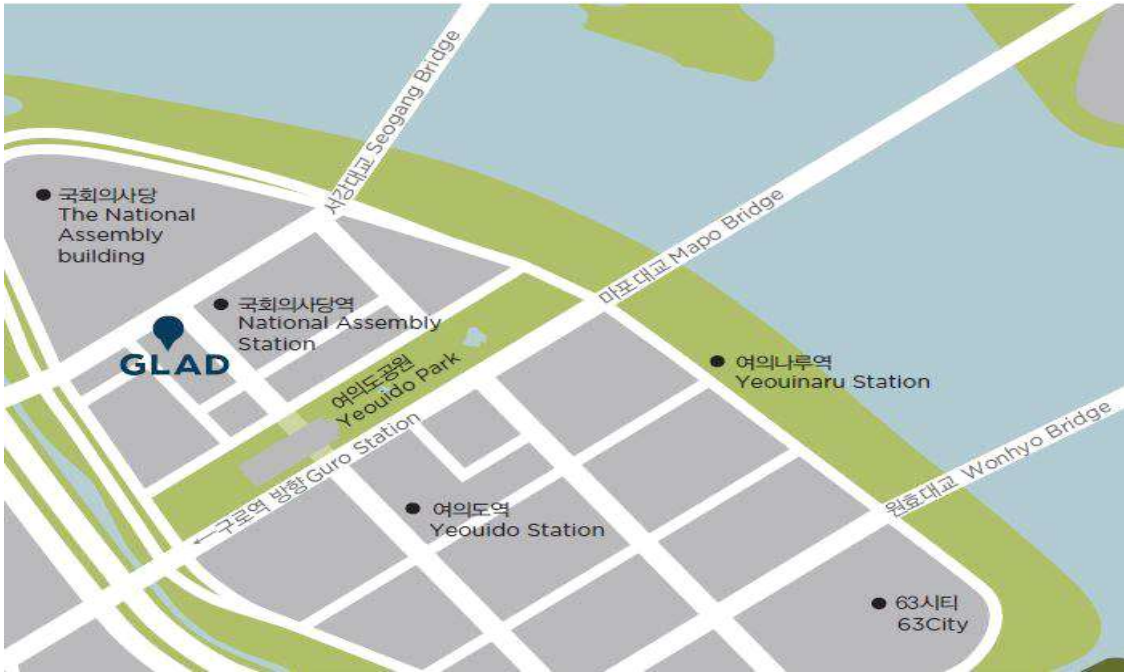
VENUE

1. Venue

The 2nd Regional Workshop on Impact Based Forecasts in Asia(RA II) will be held at the **GLAD Hotel Yeouido** (16 Uisadang-daero, Yeongdeungpo-gu, Seoul, 150-874, Republic of Korea).

Wifi will be available anyplace throughout the venue.

< Location >



2. Conference Room

- DATE: November 19 (Mon) - 21 (Wed), 2018
- Seminar Venue: November 19 (Mon) - 20 (Tue): Bloom Hall (**Lower Level Floor**)
November 21 (Wed): Project Room A+B (**2F**)

< Location (LLF)>



3. Restaurant (GREET'S/1F)

GREET'S

GREET'S is capable of 124 seats with PDR(Private Dining Room) where small-scale meetings can be hold and provides familiar and comfortable service like home. Full buffet, Korean, Chinese, Japanese and Western dishes are provided on the 7 live stations to deliver you fresh, healthy and high-quality food.



Location	1F
Information	+82-2-6222-5511 / 5512
Hours	- Breakfast 06:30 ~10:00 Lunch 11:30~14:30 - Cafe 14:30 - 17:30 - Brunch Buffet 12:00 ~15:00 (Weekend, Holidays: Lunch) - Dinner 18:00~22:00 *2 shift dinner on Saturdays – Early time: 17:30~19:30(entrance until 18:30) - Late time 20:00 ~22:00(Entrance until 21:00)

4. Room



GLAD House



Standard



Jumbo Twin



Corner Deluxe

(Total number of rooms: 319 rooms)

Room Type	Size(m ²)	Number of Room	Bed Type
Standard	23.7	40	Queen
Twin	31.7	78	Single + Single
Jumbo Twin	31.7	64	Single + Queen
Deluxe	31.7	12	Queen
Corner Deluxe	38.9	40	Queen
GLAD King	36.8	20	King
Heritage Ondol	64.5	1	Double (*mattress only)
GLAD HOUSE	48.2	20	King

*Bed Size : Queen 1,800 x 2,000 / SuperSingle 1,100 x 2,000

Part 5

TRANSPORTATION



Parking	<ul style="list-style-type: none"> L3, L4 for 66units and parking will be free
Subway	<ul style="list-style-type: none"> Number 9 National Assembly Station Exit #4 right in front of Hotel
Bus	<ul style="list-style-type: none"> ✓ Exit #1 153, 461, 463, 6623 ✓ Exit #2 162 ✓ Exit #3 6030(공항버스) ✓ Exit #5 260, 5615, 5618, 7613, 8863, 영등포10
6030 Airport Limousine	<ul style="list-style-type: none"> Incheon Airport exit 6B → #6030 bus (06:20~23:00, fare KRW 15,000) Stop in National Assembly Station → 3mins by walking → Hotel Arrival
Information	<ul style="list-style-type: none"> 16, Uisadang-daero, Yeongdeungpo-gu, Seoul, Korea TEL: 02 6222 5000 (5411) E: info@glad-hotels.com www.glad-hotels.com

Part 6

HOTEL RESERVATION

Participants are strongly recommended to stay at the **GLAD Hotel Yeouido** where the workshop will be held. A block reservation has been made with special rates during this event.

To secure the special rates at this hotel, participants are requested to fill in the hotel reservation form in Appendix B and return it to the hotel contact, with a copy to the Program Coordinator (ymj@korea.kr) by e-mail no later than October 13, 2018.

For any further information, please contact the Program Coordinator at the following address:

<p>Ms. Min-Jeong YOUN Weather Impact Forecasts Team Forecast Bureau KMA (Korea Meteorological Administration) Tel: (+82) -2-2181-0629 Fax: (+82) -2-847-4419 E-mail: ymj@korea.kr</p>	<p>Ms. Jieun SEO International Cooperation Division Planning and Coordination Department KMA (Korea Meteorological Administration) Tel: (+82) -2-2181-0371 Fax: (+82) -2-836-2386 E-mail: marsram@korea.kr</p>
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The 2nd Regional Workshop on Impact-based Forecasts in Asia(RA II)
November 19–21, 2018 Seoul, Republic of Korea

ATTENDANCE FORM

1. Dr./Mr./Mrs./Ms. Min-Jeong YOUN
First Name Middle Name Last Name (Family Name)

2. Present Official Position _____

3. Country _____

4. Agency/Organization _____

5. Mailing address: _____

Fax Number: _____ Email _____
 Tel. number: Office _____ Home/mobile _____

6 . Will attend the workshop as

() PRESENTER [Title : _____]
 () ADVISER () OTHERS _____

7. In order to facilitate the application of Visa-on-Arrival or to issue the invitation letter for visa application purpose, please check the option below and provide the passport information as requested and return the Attendance Form to us. The same information is required from the accompanying person, if any.

Full name as shown on Passport	_____		
Date of birth	_____	Place of birth	_____
Nationality	_____	Gender	_____
Passport number	_____	Profession	_____
Place of issue	_____	Date of issue	_____
Place to apply for visa	_____	Expiry Date	_____

8. Please check if you need to be provided Funding Support (Please note that the following will be provided to selected participants from developing countries).

- Round-trip airfare support Accommodation support
 Round-trip airfare + Accommodation support

9. Any other requests for Workshop Committee of Republic of Korea

10. Please address this ATTENDANCE Form to the Workshop Committee of Republic of Korea:

(1) Ms. Min-Jeong YOUN (+82) 2 – 2181 – 0629 ymj@korea.kr
 (2) Ms. Jieun SEO (+82) 2 – 2181 – 0371 marssram@korea.kr



Reservation Registration Form

The 2nd Regional Workshop on Impact-based Forecasts in Asia (RA II)

19-21, November, 2018 Seoul, Republic of Korea

Name	First name	Last Name
Schedule	Check-in	Check-out

Accommodation

Standard double room for one or Two people – Included One Breakfast KRW, (KRW 120,000)

Twin or Jumbo Twin room for one or Two People – Included Two Breakfast KRW, (KRW 135,000)

(All rates are subject to 10% tax)

Internet Free Internet Wi-Fi throughout the entire Hotel facilities included.
Free access to Creative Lounge (Business Center) & GYM for 24 hours at 2F

Credit Card detail

Card Holders Name:
 - -
 / (Expiry mm / yy)

Personal Remarks

Hotel Information	Main Contact Details
GLAD Hotel Yeouido 16 Uisadang-daero, Yeongdeungpo-gu 150-874 Seoul, South Korea Tel : +82-2-6222-5000 Fax : +82-2-6222-5711 URL : http://www.glad-hotels.com	Mr. Kevin Kim Sales Executive E-mail : Kevin.kim@glad-hotels.com Tel : +82-10-4272-3315 Fax : +82-2-6222-5731

Appendix A

**The 2nd Regional Workshop on Impact-based Forecasts in Asia (RA II)
19-21, November, 2018 Seoul, Republic of Korea**

ATTENDANCE FORM

1. Dr./Mr./Mrs./Ms. Min-Jeong YOUN
First Name Middle Name Last Name(Family Name)

2. Present Official Position _____

3. Country _____

4. Agency/Organization _____

5. Mailing address: _____

Fax Number: _____ Email _____
Tel. number : Office _____ Home/mobile _____

6. Will attend the workshop as

() PRESENTER [Title : _____]

() ADVISER () OTHERS _____

7. In order to facilitate the application of Visa-on-Arrival or to issue the invitation letter for visa application purpose, please check the option below and provide the passport information as requested and return the Attendance Form to us. The same information is required from the accompanying person, if any.

Full name as shown on Passport _____
Date of birth _____ Place of birth _____
Nationality _____ Gender _____
Passport number _____ Profession _____
Place of issue _____ Date of issue _____
Place to apply for visa _____ Expiry Date _____

8. Please check if you need to be provided funding support (Please note that the following will be provided to selected participants from developing countries).

- Round-trip airfare support Accommodation support
 Round-trip airfare + Accommodation support

9. Any other requests for Workshop Committee of Republic of Korea

10. Please address this ATTENDANCE Form to the Workshop Committee of Republic of Korea:

- (i) Ms. Min-Jeong YOUN (+82) 2 - 2181 - 0629 ymj@korea.kr
(ii) Ms. Jieun SEO (+82) 2 - 2181 - 0371 marssaram@korea.kr



Reservation Registration Form

The 2nd Regional Workshop on Impact-based Forecasts in Asia (RA II)

19-21, November, 2018 Seoul, Republic of Korea

Name	First name	Last Name
Schedule	Check-in	Check-out

Accommodation

Standard double room for one or Two people – Included One Breakfast KRW, (KRW 120,000)

Twin or Jumbo Twin room for one or Two People – Included Two Breakfast KRW, (KRW 135,000)

(All rates are subject to 10% tax)

Internet

Free Internet Wi-Fi throughout the entire Hotel facilities included.
Free access to Creative Lounge (Business Center) & GYM for 24 hours at 2F.

Credit Card detail

Card Holders Name:

□□□□-□□□□-□□□□-□□□□
(□□ / □□) (Expiry mm / yy)

Personal Remarks

Hotel Information	Main Contact Details
GLAD Hotel Yeouido 16 Uisadang-daero. Yeongdeungpo-gu 150-874 Seoul, South Korea Tel : +82-2-6222-5000 Fax : +82-2-6222-5711 URL : http://www.glad-hotels.com	Mr. Kevin Kim Sales Executive E-mail : Kevin.kim@glad-hotels.com Tel : +82-10-4272-3315 Fax : +82-2-6222-5731